

## TREES OF NEW YORK STATE\*

This bulletin on the trees of New York, though dated 1921, was not ready for distribution till the fall of 1922. After an introduction giving in simple language some idea of classification and nomenclature, descriptions of leaf forms, flowers, fruits, twig characters, etc., there follow three keys to the trees, one based on leaves, one on fruits and one on winter twigs. These keys are simple and with the aid of the glossary at the end of the bulletin should be easily followed by the novice. The twig key will present a few difficulties, especially if lower branches with small buds be used. The elms can only be reached by admitting that the leaf scars are not in  $\frac{1}{2}$  phyllotaxy, the maples when four or more pairs of bud scales are found on the axillary buds. There follow descriptions of 133 trees, of which 109 are native, the others naturalized. Ordinary ornamental and fruit trees commonly cultivated are not given. In each case the description gives the habit, leaf, flower and fruit characters, winter characters, habitat, range in North America, distribution in New York and uses. For each tree described there is a full page plate showing in outline drawings details of the leaves, twigs, flowers and fruits. It is to be regretted that the twig drawings are in most cases too small and indefinitely drawn to be of use in identification. The descriptions are brief but concise and should make the determination of the various trees as certain as can be done. Next there is a conspectus of the families and genera with keys to the species. Then an account of tree zones and tree distribution in New York, the zones being the same as those given by Bray in the Development of the Vegetation of New York. The final chapter is an especially interesting one on the derivation of the names of trees, giving the derivations of both common and scientific names.

The bulletin makes no attempt to describe shrubs but includes many forms that only occasionally become trees, such as mountain laurel, rhododendron, dwarf sumach and nanny-berry. The genus *Crataegus* is omitted except for the one species *C. pedicellata*.

\*Trees of New York State, Native and Naturalized. H. P. Brown. Technical Publication No. 15, The New York State College of Forestry, Syracuse University, February 1921, 401 pages, 133 plates.

While of most direct value to foresters and forestry students the bulletin is published for the people of the state and should be of great value to all who are interested in plants and trees.  
—G. T. HASTINGS.

## PROCEEDINGS OF THE CLUB

### MEETING OF JANUARY 9, 1923

The meeting of the above date was held at the American Museum of Natural History.

The following new members were elected:

Mr. Arthur W. Carpenter, New York City.

Mr. Carlos E. Chardon, Experiment Station, Rio Piedras, Porto Rico.

Dr. L. H. Jaffe, Montefiore Hospital, New York City.

Mr. H. A. Karling, Dept. of Botany, Columbia Univ., New York City.

Mr. Eduardo Quisumbing, College of Agriculture, Los Baños, P. I.

Dr. David Seecof, Montefiore Hospital, New York City.

The Secretary, Dr. M. A. Howe, reported the total attendance at meetings of the Club for 1922, was 357, an average of 25.5 persons per meeting. The present membership, not including those elected at the present meeting and three elected in 1922, but not yet qualified, is 284. 25 new members were elected in 1922. Only 6 were lost, 2 by death, 2 by resignation, and 2 being dropped for non-payment of dues.

The Treasurer, Dr. F. J. Seaver, reported gross receipts of \$4315.37, including balance of \$139.77 brought over from 1921, but not including \$978.88 from the estate of Mary S. Andrews, which was assigned to the Endowment Fund. Disbursements amounted to \$3936.12, leaving a cash balance of \$379.45. The Endowment Fund now amounts to \$3,536.58, distributed as follows: Underwood Fund, \$1,974.82; Andrews Fund, \$978.88; Buchanan Fund, \$582.88.

The Editor, Prof. Alexander W. Evans, reported that volume 49 of the *Bulletin* contains 408 pages and 17 plates.

The Editor of *Torreyia*, Mr. George T. Hastings, reported the publication of six bi-monthly numbers, aggregating 115